PATENT ABSTRACTS OF JAPAN

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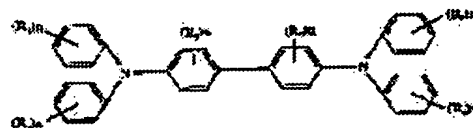
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(54) ELECTROPHOTOGRAPHIC PHOTORECEPTOR, PROCESS CARTRIDGE AND ELECTROPHOTOGRAPHIC DEVICE
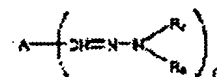
(57)Abstract:

PROBLEM TO BE SOLVED: To obtain an electrophotographic photoreceptor which has high sensitivity, little fluctuation of the potential in a bright part and dark part when images are continuously formed, and extremely small transfer memory even in reverse developing system, and with which an image of high quality can be obtd., by incorporating each specified diamine compd. and hydrazone compd. into the photosensitive layer.

SOLUTION: This electrophotographic photoreceptor contains a diamine compd. expressed by formula I and a hydrazone compd. expressed by formula II in the photosensitive layer. In formula I, R1 to R4 are hydrogen atoms, alkyl groups, alkoxy groups, aralkyl groups, halogen atoms or the like, R5, R6 are hydrogen atoms or alkyl groups, aralkyl groups or aryl groups which may have substituents, n is independently an integer 0 to 2. In formula II, R7, R8 are alkyl groups, aralkyl groups or aryl groups which may have substituents, m is 1 or 2, A is an aromatic hydrocarbon group or the like which may have substituents.

LEGAL STATUS

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